Laxmi Ghanate

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Education

University of Virginia   *Charlottesville, VA*
B.S. in Computer Science   *Aug 2023 – May 2026*

- **Coursework:** Data Structures & Algorithms, Computer Systems & Organization, Operating Systems, Databases, Probability & Data Science, Software Engineering, HCI/UX, Discrete Math
- **Involvement:** Engineering Student Council Chair, Society of Women Engineers, Blue Ridge Book Club

Experience

Undergraduate Research Intern — AI & Software Testing   *Jun 2025 – Present*
University of Virginia

- Help research how to test AI systems by writing Python scripts and **pytest** tests that check whether large language models give the right answer on many examples at once.
- Build small "answer key" datasets and compare different models and prompt settings, then share simple charts and write-ups to show where the AI works well, where it fails, and what to try next.

Software Engineering Intern — Product & Data   *Jul 2024 – 2025*
DD Now, Virginia

- Helped redesign driver onboarding into a step-by-step web flow with input checks and **event logging**, which cut down on common form errors and showed where drivers were dropping off.
- Wrote **SQL** queries and views to track rides, active drivers, and other usage stats, and joined weekly release cycles by running basic tests and helping investigate bugs.

Web Developer & Graphic Design Intern   *May 2023 – Aug 2023*
Blue Clarity, LLC

- Led the full migration of the company website from **WordPress to Webflow**, rebuilding page layouts, moving content, and setting up navigation so the new site matched the existing brand.
- Tuned the new Webflow site for mobile, basic SEO, and page load speed, and created simple Canva graphics and one-pagers so the site and materials reflected current services.

Selected Solutioning & Demo Projects

HoosActive — Requirements to Demo (Semester-Long SE Project)   *2025*

- Led design and development of **HoosActive**, a UVA fitness accountability web app: ran student interviews, turned findings into user stories, and implemented core features in a Django/JavaScript codebase before demoing to course staff.

Syllabus-Aware Grade Planner — Web App Prototype   *2024*

- Built a browser-based **grade planning** tool in HTML/CSS/JavaScript that maps syllabus policies into configurable assignments and "what-if" scenarios for students and instructors.

Skills

- **Programming & Data:** Python (pandas, numpy, pytest, matplotlib), Java, C, SQL (joins, windows, CTEs), JavaScript, HTML/CSS; Git/GitHub, Linux, Jupyter, VS Code; A/B testing, regression, forecasting
- **Cloud, Web & Platforms:** Web apps with Django/Flask and vanilla JS; REST/JSON APIs; AWS (EC2, S3, IAM, RDS, CloudWatch); Docker (basic); Tableau, Excel (pivot tables, VLOOKUP), PowerPoint, Microsoft Word and Excel certified
- **Solution's & Communication:** discovery and requirements analysis, user stories and acceptance criteria, value-focused storytelling, demo design and delivery, stakeholder Q&A, runbooks and how-tos; Agile/Scrum; work well with both technical and business audiences
- **Certifications**: AWS Certified Cloud Practitioner, Coursera: "Generative AI for Everyone"
- **Interests**: avid reader, writer, chef, playlist curator, and tiny things collector